

Abstract Of The Disclosure

Transmitted and received radar pulses are correlated in a receiver-side mixer for the measurement of the clearance distance and the speed of objects, using radar pulses. In a control device for specifying range gates, transmitter-side radar pulses that are able to be
5 supplied to the mixer are continuously changed increasingly and/or decreasingly with respect to their pulse delay. Using a switchover device, one may switch over to the Doppler frequency measuring operation or reset to the clearance distance measuring operation.